

Abstract

The present invention provides a breather system for a motorcycle engine that has a chamber for collecting blow-by gas. The breather system comprises a manifold portion that has a wider portion and a narrower portion. The manifold portion is arranged to be disposed between an air-filter element and an inlet valve of the engine so as to channel air into the engine. The breather system further comprises a conduit that has an inlet which is arranged to receive the blow-by gas from the chamber and an outlet that is in use connected to the manifold portion such that a passage is provided between the chamber and the manifold portion. The manifold portion is arranged so that in use dynamic pressure of the channeled air at the wider portion of the manifold portion is lower than at the narrower portion and the established pressure gradient facilitates removal of the blow-by gas from the chamber.